

# REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

PM 98.061/3

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 6,477,113, granted on November 5, 2002, and for which a reissue patent is sought on the invention titled Source Waveforms For Electro seismic Exploration, the specification of which

- ☒ is attached hereto.
- ☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_/\_\_\_\_ and was amended \_\_\_\_\_  
(if applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

PM 98.061/3

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected herewith.

Name(s)	Registration Number
<u>Douglas J. Collins</u>	<u>43,561</u>
<u>Gary P. Katz</u>	<u>46,099</u>
<u>Gary D. Lawson</u>	<u>27,696</u>
<u>J. Paul Plummer</u>	<u>40,775</u>
<u>Charles E. Smith</u>	<u>32,085</u>
<u>Pamela L. Wilson</u>	<u>32,865</u>
<u>Denise Y. Wolfs</u>	<u>32,074</u>

Correspondence address: Direct all communications about the application to:

☐ Customer Number

Type Customer No. here

Place Customer Number Bar  
Code Label Here

<input type="checkbox"/> Firm or Individual Name	J. Paul Plummer				
Address	ExxonMobil Upstream Research Company				
Address	P. O. Box 2189				
City	Houston	State	Texas	Zip	77252.2189
Telephone	713.431.7360	Fax	713.431.4664		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor: (given name, family name) **Scott C. Hornbostel**

Inventor's signature: Scott C. Hornbostel

Date: 4/15/04

Inventor's residence: **Houston, Texas**

Citizenship: **USA**

Mailing Address: **4437 Clay Street, Houston, TX 77023**

Full name of sole or first inventor: (given name, family name) **Arthur H. Thompson**

Inventor's signature: Arthur H. Thompson

Date: April 15 2004

Inventor's residence: **Houston, Texas**

Citizenship: **USA**

Mailing Address: **13602 Peachwood Court, Houston, TX 77077**

Full name of sole or first inventor: (given name, family name)

Inventor's signature:

Date:

Inventor's residence:

Citizenship:

Mailing Address:

☐ Additional joint inventors are named on separately numbered sheets attached hereto.

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## POWER OF ATTORNEY

Name of Applicant(s):      **Scott C. Hornbostel**                      **Arthur H. Thompson**                      Docket No.  
Address of Applicant(s):    **4437 Clay Street**                      **13602 Peachwood Court**                      **PM 98.061/3**  
   **Houston, TX 77023**                      **Houston, TX 77077**

Title:                      **SOURCE WAVEFORMS FOR ELECTROSEISMIC EXPLORATION**

Serial No.      **This Application**

Filed:              **April 16, 2004**

### TO THE COMMISSIONER FOR PATENTS

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Honorable Sir:

I hereby appoint:

**Douglas J. Collins (Reg. No. 43,561)**

**Gary P. Katz (Reg. No. 46,099)**

**Gary D. Lawson (Reg. No. 27,696)**

**J. Paul Plummer (Reg. No. 40,775)**

**Charles E. Smith (Reg. No. 32,085)**

**Pamela L. Wilson (Reg. No. 32,865)**

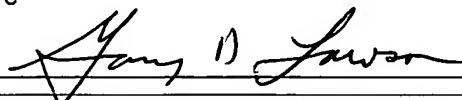
**Denise Y. Wolfs (Reg. No. 32,074)**

as principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Please direct all future correspondence to:

**J. Paul Plummer**  
**ExxonMobil Upstream Research Company**  
**P. O. Box 2189 (CORP-URC-SW 358)**  
**Houston, Texas 77252.2189**

X Scott C. Hornbostel                      4/15/04  
   Scott C. Hornbostel                      Date  
X Arthur H. Thompson                      4/15/04  
   Arthur H. Thompson                      Date

<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		<b>Docket Number (Optional)</b>  <b>PM 98.061/3</b>
<b>This is part of the application for a reissue patent based on the original patent identified below:</b>		
Name of Patentee(s): <b>Scott C. Hornbostel and Arthur Thompson</b>		
Patent Number:	<b>6,477,113</b>	Date Patent Issued: <b>November 5, 2002</b>
Title of Patent:	<b>SOURCE WAVEFORMS FOR ELECTROSEISMIC EXPLORATION</b>	
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee(s) owning an undivided interest in said original patent is/are <u><b>ExxonMobil Upstream Research Company</b></u> , and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned)		
Signature X <u></u>		Date <b>13 April 2004</b>
Typed or printed name and title of person signing for assignee (if assigned)  <b>Gary D. Lawson, Assistant Secretary</b>		

**STATEMENT UNDER 37 CFR 2.73(b)**

Applicant/Patent Owner: ExxonMobil Upstream Research Company

Application No./Patent No.: 6,477,113 Filed/Issue Date: Nov. 05, 2002

Entitled: SOURCE WAVEFORMS FOR ELECTROSEISMIC EXPLORATION

ExxonMobil Upstream Research Company, a Delaware Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, or interest; or
2. ☐ the assignee of less than the entire right, title, or interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011408, Frame 0808, or for which a copy thereof is attached.

**OR**

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

13 April 2004

Date

713.431.4846

Telephone Number

Gary D. Lawson

Typed or printed name

Assistant Secretary

Title

Gary D. Lawson  
Signature